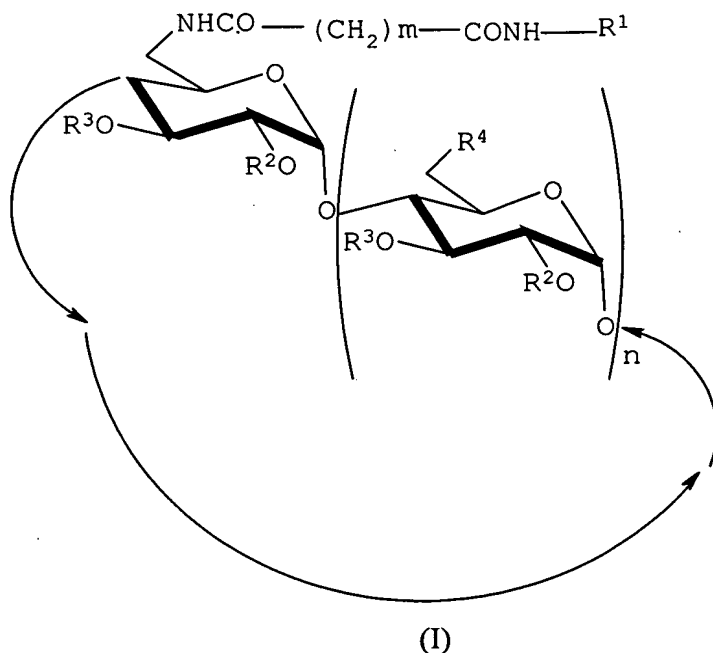


AMENDMENTS TO THE CLAIMS

1. - 16. (Cancelled)

17. (Currently Amended) Amphiphilic cyclodextrin derivative complying with the formula:



wherein:

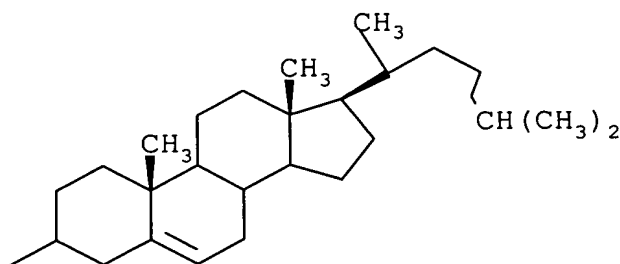
- R¹ represents a steroid,
- R² ~~represents an alkyl or aryl group, substituted if applicable, is selected from the~~ group consisting of an alkyl group, an aryl group, an alkyl group having at least one substitution, and an aryl group having at least one substitution, wherein said substitution is a substituent group selected from the group consisting of a halogen atom, a hydroxyl, a carboxyl, and an amine.
- R³ represents H or R²,
- all the R⁴ represent OR², or

- one of the R^4 represents $\text{—NHCO(CH}_2\text{)}_m\text{CONHR}^1$, and the other R^4 represent OR^2 provided that there is at least one glucose unit where R^4 represents OR^2 between the two glucose units comprising the substituent $\text{—NHCO—(CH}_2\text{)}_m\text{—CONH—R}^1$,

- m is an integer ranging from 1 to 8, and

- n is equal to 5, 6 or 7.

18. (Currently Amended) Cyclodextrin derivative according to claim 17 wherein R^1 represents the group according to the formula:



(III)

19. (Previously Presented) Cyclodextrin derivative according to claim 17, wherein all the R^4 represent OR^2 .

20. (Currently Amended) Cyclodextrin derivative according to claim 17, wherein R^2 represents the methyl a methyl group and R^3 represents a hydrogen atom.

21. (Previously Presented) Cyclodextrin derivative according to claim 17, wherein n is equal to 6.

22. (Previously Presented) Cyclodextrin derivative according to claim 17, wherein m is equal to 2.

23. (Previously Presented) Cyclodextrin derivative according to claim 18, wherein all the R^4 represent OR^2 .

substitution, and an aryl group having at least one substitution, wherein said substitution is a substituent group selected from the group consisting of a halogen atom, a hydroxyl, a carboxyl, and an amine.

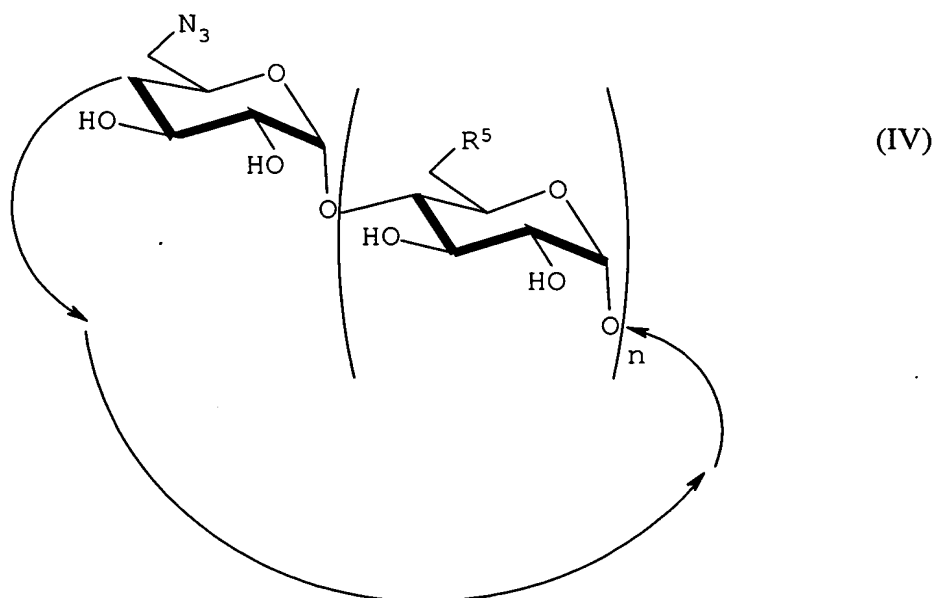
- R^3 represents H,
- all the R^4 represent OR^2 , or
- one of the R^4 represents $-NHCO(CH_2)_mCONHR^1$, and the other R^4 represent OR^2

provided that there is at least one glucose unit where R^4 represents OR^2 between the two glucose units comprising the substituent $-NHCO-(CH_2)_m-CONH-R^1$,

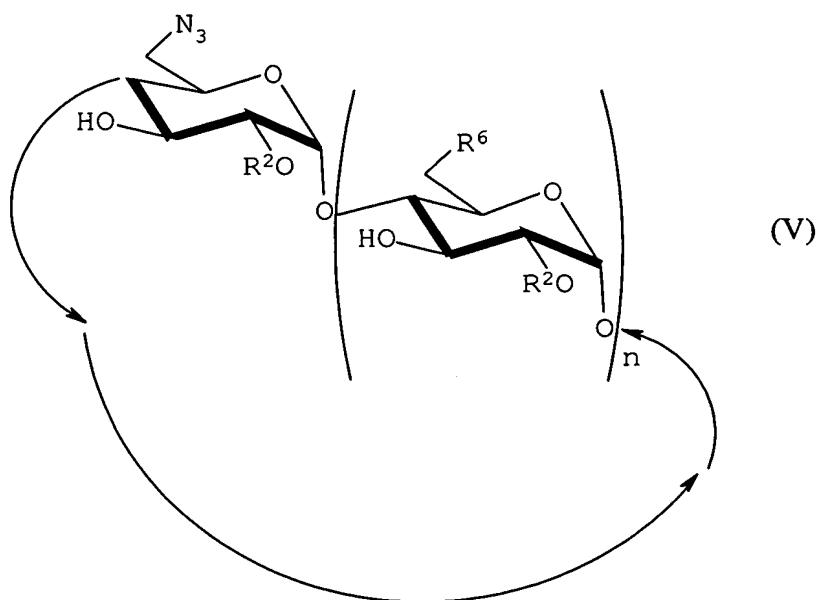
- m is an integer ranging from 1 to 8, and
- n is equal to 5, 6 or 7,

which comprises the following steps:

a) react a derivative according to the formula:

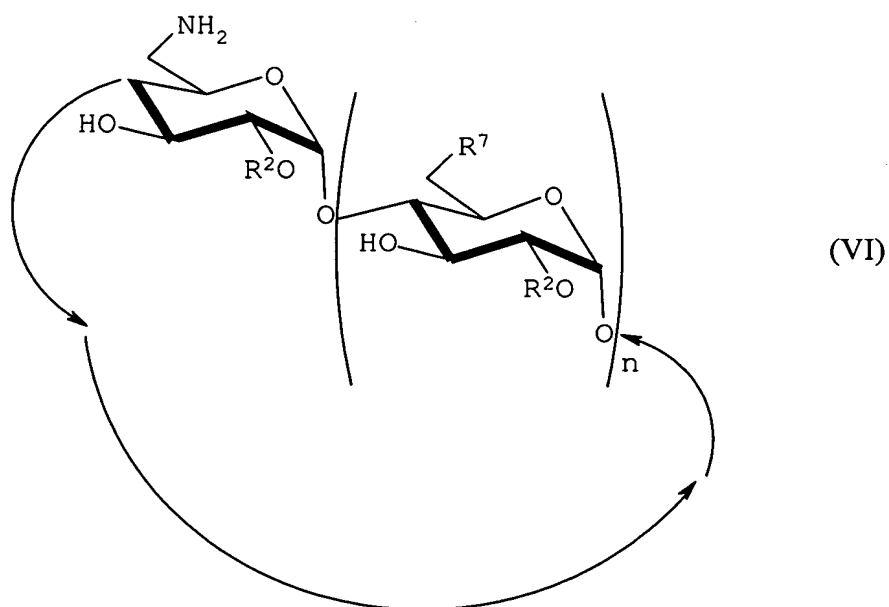


wherein all the R^5 represent OH, or one of the R^5 represents $-N_3$ and the other R^5 represent OH, provided that there is at least one glucose unit where R^5 represents OH between the two glucose units comprising the N_3 substituent, and n is equal to 5, 6 or 7, with a dialkyl sulfate $SO_4R^2_2$ where R^2 has the significance given above, in a basic medium to obtain the cyclodextrin derivative according to the formula:



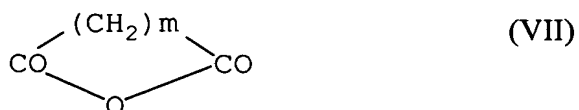
wherein all the R^6 represent OR^2 , or one of the R^6 represents N_3 and the other R^6 represent OR^2 , and R^2 and n are as defined above,

b) perform a Staudinger reaction on the derivative according to formula (V) using triphenylphosphine and ammonia to convert N_3 into NH_2 and obtain the derivative according to the formula:

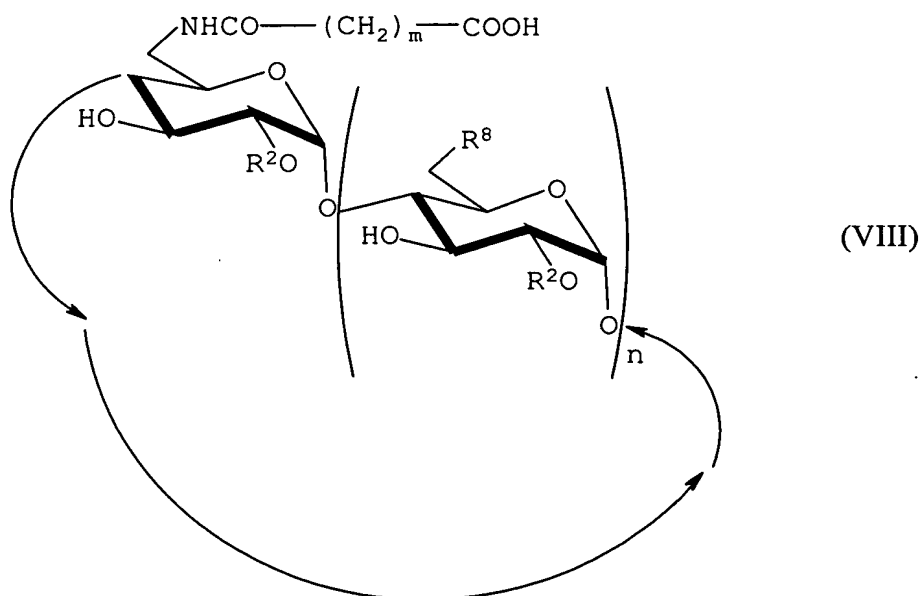


wherein all the R^7 represent OR^2 , or one of the R^7 represents NH_2 and the other R^7 represent OR^2 , and R^2 and n are as defined above,

c) react the derivative according to formula (VI) with an acid anhydride according to the formula:



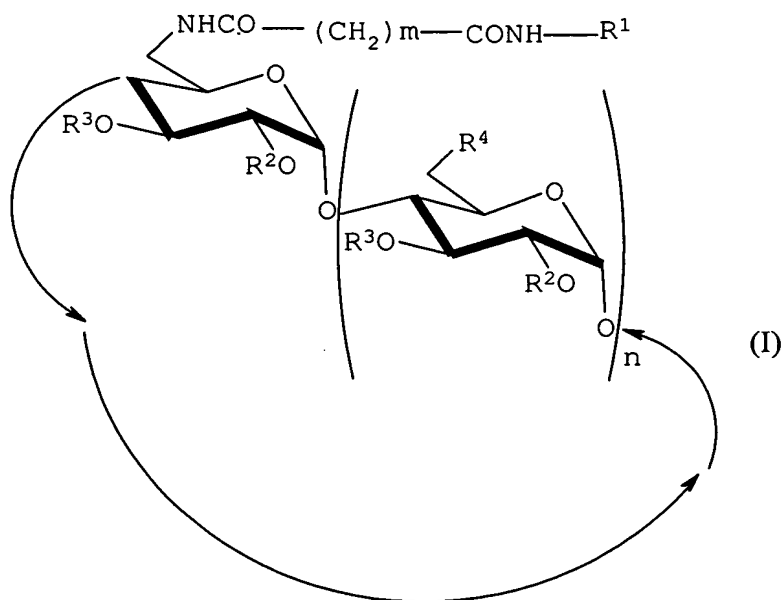
where m is as defined above, to obtain the derivative according to the formula:



wherein all the R^8 represent OR^2 , or one of the R^8 represents $\text{—NHCO—(CH}_2\text{)}_m\text{—COOH}$ and the other R^8 represent OR^2 , and R^2 , m and n are as defined above, and

d) react the derivative according to formula (VIII) with a compound according to the formula $\text{NH}_2\text{—R}^1$ to obtain the cyclodextrin derivative according to formula (I) defined above.

29. (Currently Amended) Method to prepare a cyclodextrin derivative according to the following formula:



wherein:

- R^1 represents a steroid,
- R^2 represents an alkyl or aryl group, substituted if applicable, is selected from the group consisting of an alkyl group, an aryl group, an alkyl group having at least one substitution, and an aryl group having at least one substitution, wherein said substitution is a

substituent group selected from the group consisting of a halogen atom, a hydroxyl, a carboxyl, and an amine,

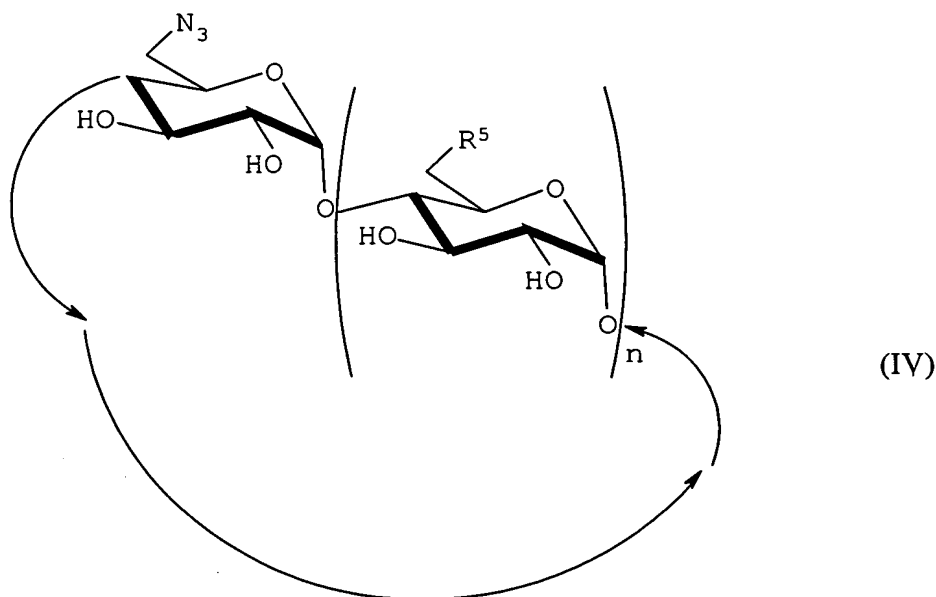
- R^3 represents R^2 ,
- all the R^4 represent OR^2 , or
- one of the R^4 represents $-NHCO(CH_2)_mCONHR^1$, and the other R^4 represent OR^2

provided that there is at least one glucose unit where R^4 represents OR^2 between the two glucose units comprising the substituent $-NHCO-(CH_2)_m-CONH-R^1$,

- m is an integer ranging from 1 to 8, and
- n is equal to 5, 6 or 7,

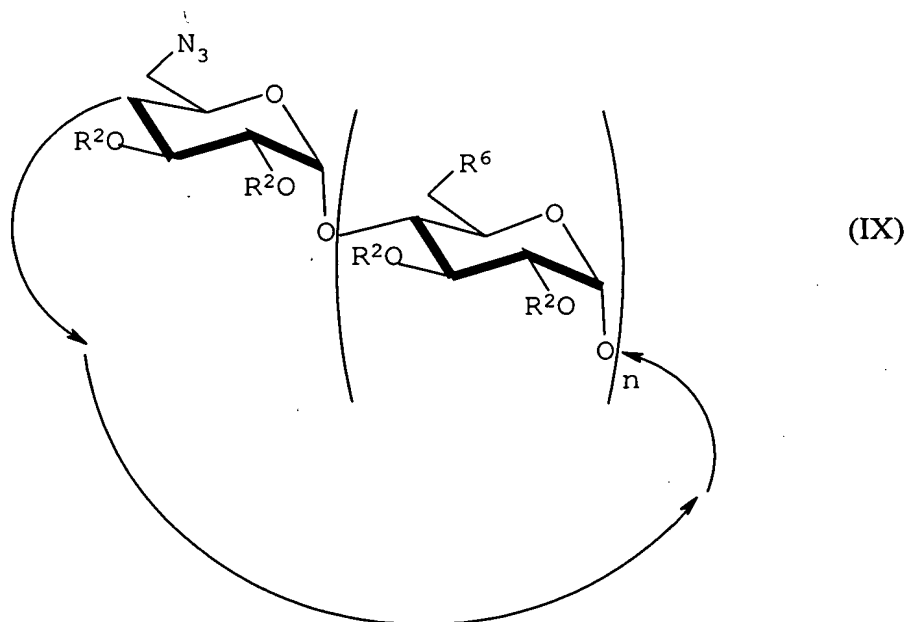
which comprises the following steps:

a) react a derivative according to the formula:



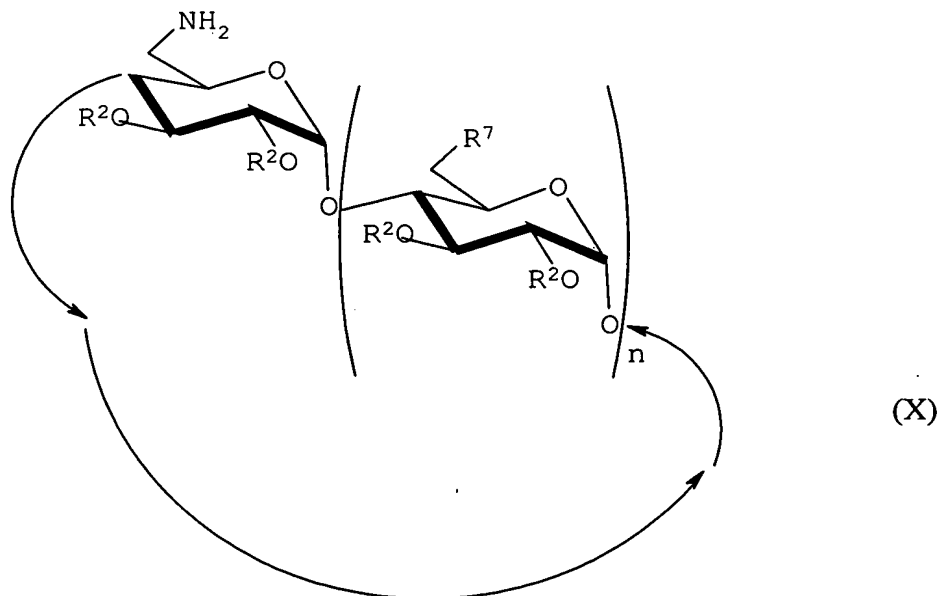
wherein all the R^5 represent OH, or one of the R^5 represents $-N_3$ and the other R^5 represent OH, provided that there is at least one glucose unit where R^5 represents OH between the two glucose units comprising the N_3 substituent, and n is equal to 5, 6 or 7,

with an iodoalkane according to the formula IR^2 wherein R^2 has the significance given above, in the presence of NaH to obtain the cyclodextrin derivative according to the formula:



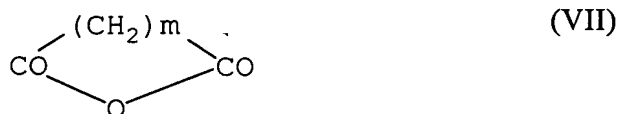
wherein all the R^6 represent OR^2 , or one of the R^6 represents N_3 and the other R^6 represent OR^2 , and R^2 and n are as defined above,

b) perform a Staudinger reaction on the derivative according to formula (IX) using triphenylphosphine and ammonia to convert N_3 into NH_2 and obtain the derivative according to the formula:

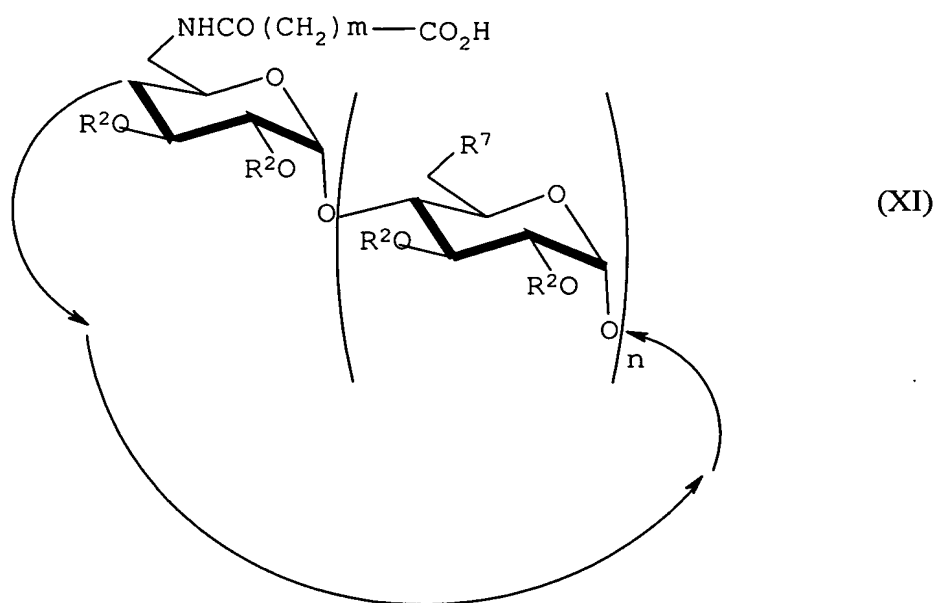


wherein all the R^7 represent OR^2 , or one of the R^7 represents NH_2 and the other R^7 represent OR^2 , and R^2 and n are as defined above,

c) react the derivative according to formula (X) with an acid anhydride according to the formula:



where m is as defined above, to obtain the derivative according to the formula:



wherein all the R^7 represent OR^2 , or one of the R^7 represents $-NHCO-(CH_2)_m-COOH$ and the other R^7 represent OR^2 , and R^2 , m and n are as defined above, and

d) react the derivative according to formula (XI) with a compound according to the formula NH_2-R^1 to obtain the cyclodextrin derivative according to formula (I) defined above.

30. (Currently Amended) Inclusion complex comprising mono-6-(cholest-5-en-3 α -ylamide)succinylamide-6-deoxy-2,2',2'',2''',2''''',2''''',2''''',6',6'',6''',6''',6''''',6'''''-trideca-O-methyl-cyclomaltoheptaose and a hydrophobic compound selected from the group consisting of 16-iodo-3-methylhexadecanoic acid, dothiepin, chloramphenicol, vitamin A and esculin.

31. – 32. (Canceled)

33. (Currently Amended) Aqueous ~~solution of~~ solution comprising water and nanoparticles of mono-6-(cholest-5-en-3 α -ylamide)succinylamide-6-deoxy-2,2',2'',2''',2''''',2''''',2''''',6',6'',6''',6''',6''''',6'''''-trideca-O-methyl-cyclomaltoheptaose or an inclusion complex according to claim 30.

34. (Currently Amended) Organized surfactant system comprising mono-6-(cholest-5-en-3 α -ylamide)succinylamide-6-deoxy-2,2',2'',2''',2''''',2''''',2''''',6',6'',6''',6''',6''''',6'''''-trideca-O-methyl-cyclomaltoheptaose or an inclusion complex according to claim 30 and a surfactant.

35. (Previously Presented) System according to claim 34 wherein the surfactant is a phospholipid.

36. (Currently Amended) Aqueous solution comprising ~~in solution~~ (a) water, and (b) a combined system formed from phospholipid or membrane protein vesicles, and mono-6-(cholest-5-en-3 α -ylamide)succinylamide-6-deoxy-2,2',2'',2''',2''''',2''''',2''''',6',6'',6''',6''',6''''',6'''''-trideca-O-methyl-cyclomaltoheptaose or an inclusion complex according to claim 30.

SUPPORT FOR THE AMENDMENT

Claims 1-16 were previously canceled.

Claims 31 and 32 are presently canceled.

Claims 17, 18, 20, 24, 28-30, 33, 34, and 36 are presently amended.

The amendment of Claims 17, 18, 20, 24, 28-30, 33, 34, and 36 is supported by the corresponding claims as originally presented, as well as the specification as filed. Applicants further note that the amendment of Claims 17, 28, and 29 are supported by the last paragraph on page 6 of the specification.

No new matter has been added.